

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1.-16. (Canceled)

17. (Currently Amended) A plated resin molded article that has a metal plating layer provided on the surface of a thermoplastic resin molded article formed from a composition comprising:

(A) 10 to 90 mass % of a matrix resin that has a water absorption after 24 hours in 23°C water, according to ISO62, of at least 0.6%;

(B) 90 to 10 mass % of at least one resin selected from the group consisting of a ~~polyolefin-based~~polypropylene resin, an olefin copolymer, a polyphenylene ether-based resin and a polyester-based resin; and at least one of

(C) a water-soluble substance having a solubility at 25°C of not more than 300g in 100g water;

(D) at least one of a surfactant and a coagulant; and

(E) a phosphorus compound.

18. (Previously Presented) The plated resin molded article according to claim 17, wherein (A) matrix resin that has a saturated water absorption of at least 0.6% is selected from polyamide-based resins, acrylate salt-based resins, cellulosic resins, polyvinyl alcohol-based resins and polyether-based resins.

19. (Previously Presented) The plated resin molded article according to claim 17, wherein the surfactant comprises an emulsifying agent that is used in emulsion polymerization.

20. (Previously Presented) The plated resin molded article according to claim 17, wherein the maximum value of the adhesive strength, according to JIS H8630, between the thermoplastic resin molded article and the metal plating layer is at least 10 kPa.

21. (Previously Presented) The plated resin molded article according to claim 17, applied as an automotive component.

22. (Previously Presented) A method of producing a plated resin molded article according to claim 17, wherein the plated resin molded article is produced by plating metal on the surface of the thermoplastic resin molded article, the method comprising the step of contact-treating the thermoplastic resin molded article with an acid or base that does not contain a heavy metal, as a treatment preceding a metal plating step, and wherein a step of etching with a heavy metal-containing acid is not included.

23. (Previously Presented) The method of producing a plated resin molded article according to claim 22, comprising the steps of:  
removing fat of the thermoplastic resin molded article;  
contact-treating the thermoplastic resin molded article with an acid or base that does not contain heavy metal; and a plating step, wherein the method does not include a step of etching with a heavy metal-containing acid.

24. (Previously Presented) The method of producing a plated resin molded article according to claim 22, comprising the steps of:  
removing fat of the plastic resin molded article; contact-treating the thermoplastic resin molded article with an acid or base that does not contain a heavy metal; treating the

thermoplastic resin molded article with a catalyst-imparting liquid; and a plating step, wherein the method does not include a step of etching with a heavy metal-containing acid.

25. (Previously Presented) The method of producing a plated resin molded article according to claim 22, wherein the concentration of the acid or base used in the step of contact-treating with an acid or base that does not contain a heavy metal is less than 4 normal.

26. (Previously Presented) The method of producing a plated resin molded article according to claim 22, wherein the step of contact-treating with an acid or base that does not contain a heavy metal is a step of immersing the thermoplastic resin molded article in acid or base that does not contain heavy metal.

27. (Previously Presented) The method of producing a plated resin molded article according to claim 22, wherein the step of contact treating with an acid or base that does not contain a heavy metal is a step of immersing the thermoplastic resin molded article for 20 to 0.5 minutes at a liquid temperature of 10 to 80°C in an acid or base that does not contain a heavy metal.

28. (Previously Presented) The method of producing a plated resin molded article according to claim 22, wherein the acid that does not contain a heavy metal is selected from hydrochloric acid, phosphoric acid, sulfuric acid and organic acids.

29. (Previously Presented) The method of producing a plated resin molded article according to claim 22, wherein the base that does not contain a heavy metal is selected from hydroxides of an alkali metal or alkali earth metal.